

US EPA ARCHIVE DOCUMENT

**APPENDIX C**  
**DATA ON AVAILABLE WASTEWATER CAPACITY**

This appendix has two sections:

**C-1:** Discusses available treatment capacity at Centralized Waste Treatment facilities. The information was collected in the 1991 Waste Treatment Industry Questionnaire by the Office of Water and represents 1989 data.

**C-2:** Wastewater treatment systems data from the 1991 Biennial Reporting System.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

Memorandum

OFFICE OF  
WATER

To: Benjie Carroll (OS-321W)

From: Debra DiCianna *Debra DiCianna*  
Engineering and Analysis Division (WH-552)

Date: April 30, 1993

Subject: Treatment Capacity Information from Waste Treatment Industry Project

Attached is the information you requested regarding available treatment capacity at Centralized Waste Treatment facilities. This information was collected in the 1991 Waste Treatment Industry Questionnaire by the Office of Water and represents 1989 data. Names and addresses of facilities are also listed.

All of the facilities included have received a final or interim RCRA Permit. None of the information provided pertains to waste which is underground injected. Some facilities did not supply the capacity information requested due to complex operations. Therefore, two totals are presented. One total represents the actual values reported. The second total is scaled-up to included facilities which did not submit data. Below are listed the overall totals:

1989 Reported Capacity Total:	9,669,611,960 gals/year
1989 Scaled-Up Capacity Total:	11,341,084,753 gals/year
( = Reported Capacity Total + 11 x Average Capacity)	

If you wish to obtain any additional information or have any questions, please contact me at (202) 260-7141.

cc: Tudor Davies (WH-551)  
Ramona Trovato (WH-550G)  
Woody Forsht (WH-552)  
Bruce Kobelski (WH-550G)

FACILITY CAPACITY FOR HAZARDOUS WASTE (4/1/83)

NAME	STREET	CITY	STATE	ZIP	MAX. CAPACITY (GAL)	% USED (1982)	AMT. AVAILABLE (GAL)
ALTERNATE ENERGY SERVICES INC	2208 WALDEN DR	AUGUSTA	GA	30604	1,657,200,000	20.02	1,420,387,500
AMERICAN CHEMICAL & REFINING CO.	26 B-FIELD ST.	WATERBURY	CT	05604	2,975,000	79	480,750
AMERICAN WASTE OIL CORP	44141 YOST RD	BELLEVILLE	MI	48111	6,240,000	60	1,248,000
APPROPRIATE TECHNOLOGIES II INC	1700 MAXWELL RD	CHULA VISTA	CA	92011	6,942,500	18	7,522,500
BEAVER OIL CO INC	2087 LENOI AVE	HODGKINS	IL	60623	14,000,000	20	11,200,000
BEPAI ENVIRONMENTAL OF VIRGINIA INC.	7300 HARVEST ROAD	PRINCE GEORGE	VA	22073	300,000	70	117,000
BOENGO-AUBURN	700 15TH ST SW, MS 09-10	AUBURN	WA	98001	371,805,000	42.43	214,122,500
BRUSHWICK CORP	6000 INDUSTRIAL AVE	LINCOLN	NE	68504	249,500	9	239,072
BRUSHWELLMAN INC	SOUTHPORTAGE RIVER RD	ELMORE	OH	43016	•	•	•
CECOS INTERNATIONAL	P.O. BOX 949 LP.O.	MAGNATA FALLS	NY	14004	•	•	•
CECOS INTERNATIONAL INC	1679 SPRING GROVE AVE	CHENOWETH	OH	43032	23,400,000	12	20,592,000
CECOS TREATMENT CORP.	51 BRODBECK RD	BRISTOL	VT	05610	62,500,000	6.02	58,737,500
CHEMCLAR INC	1180 B STONY ISLAND AVE	CHICAGO	IL	60617	30,000,000	47	16,000,000
CHEM-TECH SYSTEMS	3000 EAST 26TH STREET	LOS ANGELES	CA	90023	•	•	•
CHEMICAL MANAGEMENT INC	340 EASTERN PARKWAY	FARMINGDALE	NY	11735	7,800,000	44	4,398,000
CHEMICAL PROCESSORS INC	704 B. LITTLE ST.	SEATTLE	WA	98108	13,142,000	40.42	7,631,004
CHEMICAL PROCESSORS INC	PERI M	SEATTLE	WA	98108	•	•	•
CHEMICAL PROCESSORS INC	1701 ALEXANDER AVE	FAOMA	WA	98421	17,001,200	40.56	10,102,113
CHEMICAL WASTE MANAGEMENT OF NEW JERSEY	100 LISTER AVE	NEWARK	NJ	07102	52,600,000	23	40,471,200
CHEMICAL WASTE MANAGEMENT OF NEW YORK	115 BALMER RD.	MODEL CITY	NY	14107	21,024,000	73	5,678,400
CLARK PROCESSING INC.	100 S. WEST END AVE.	DAYTON	OH	45427	6,500,000	66	910,000
CLEANWABORS	2000 BROADWAY	CLEVELAND	OH	44115	69,000,000	65	22,000,000
CLEANWABORS INC.	1010 RUSSELL ST.	BALTIMORE	MD	21230	44,100,000	12	39,000,000
CONOCO INC PONCAGY CITY	1000 S. FINE	PONCAGY CITY	OK	74008	720,000,000	92	57,800,000
CP CHEMICALS	3400 ZIMMISG WAY	JACKSON CITY	CA	94087	5,000,000	74	1,510,000
CP CHEMICALS INC	FRBOR ST	SEWAREN	NJ	07077	84,000,000	90	5,400,000
CP CHEMICALS INC	100 W 15 SOUTH INDUSTR. PK	SLUMER	NC	27150	45,001,800	61	17,764,740
CROSSBY & OVERTON INC	160 W 17TH ST	LONG BEACH	CA	90819	2,340,000	100	0
CROSSBY AND OVERTON INC PLANT 2	20245 70TH AVE. S.	DELT	WA	98002	20,792,000	0.5121	20,046,728
CYANOEM	12381 SCHMERTZ HWY	DETRIT	MI	48227	30,865,000	34	20,370,500
DELRONTE IDENEBOLDS, CHAMBER WORKS	ROUTE 130	DEERWATER	NJ	08023	14,800,000,000	78	9,212,000,000
DYNEDOL INC	2020 GEORGIA	DETRIT	MI	48211	36,320,000	49.04	18,290,762
EDWARDS OIL CO	200 B FOLGE	DETRIT	MI	48217	21,800,000	60	4,320,000
BJ LULLY & CO TITPEANCE LABS	160 LAY RD.	LAFAYETTE	LA	70502	•	•	•
BPAK INC. DEER PARK	8759 BATTLEFIELD RD.	DEER PARK	TX	77639	316,411,200	36.01	205,655,839

\* Facility did not supply capacity information. Scaled-up total incorporates estimates.

NAME	STREET	CITY	STATE	ZIP	MAX. CAPACITY (GAL)	% USED (1989)	AMT. AVAILABLE (GAL)
ENCICLE/TEXAS INC.	3500 LIP RIVER ROAD	DOFFUS C/FRST II	TX	78407	120,300,000	29.55	84,882,250
ENWHITE CORP	16455 S CENTRAL AVE	WARREY	L	30428	10,020,200	68.69	3,516,348
ENWHITE CORP	2000 CENTRAL AVE S E	CANTON	OH	44707	63,982,500	43.08	35,908,548
ENWHITE CORPORATION	188 OLD WATERBURY RD	THOMASTON	CT	06787	53,500,000	29.81	37,851,800
ENWHITE CORPORATION	1000 PENNSYLVANIA AVE	NORFOLK	PA	17404	30,000,000	78	6,500,000
ENVIRONMENTAL WASTE CONTROL INC	27140 PRINCETON AV	WALTER	MI	48141	60,000,000	30	42,000,000
ETICAM	208 E NEWLANDS DR	PERNLEY	WV	26108	750,400	13.81	648,770
ETICAM	25 GRAYSTONE STREET	WARMOK	HI	12888	6,000,000	42	3,480,000
EUH SHIP SERVICE	220 O WAUGHN ST	SAN FRANCISCO	CA	94107			
HERITAGE ENVIRONMENTAL SERVICES INC	5132 POLKMAN ST	CHARLOTTE	NC	28216	7,500,000	72	2,100,000
NOO ALLOYS INTERNATIONAL INC.	2000 RIVERSIDE DRIVE	LUNINGTON	WV	25720			
METROCONTINENTAL TERMINALS CO	199 BATTLEGROUND RD.	DEER PARK	TX	77638	100,000,000	17	69,000,000
IC-INDERE - COMPONENT WORKS	500 WESTFIELD AVE	WATERLOO	IA	50701	43,212,440	68	15,988,809
MAYTAG CO	118TH AVE. E. 6TH ST. N	NEWTON	IA	50208	380,000,000	73	105,500,000
METRO RECOVERY SYSTEMS	2000 ROSE PLACE	ROSEVILLE	CA	95719	15,130,000	80	7,288,000
MILL SERVICE INC.	BULGER SMITH TWP.	BALGER	PA	19018	74,200,258	58.7	32,128,712
MILL SERVICE INC. M/KRNP/PLT.	RD. NO. 1 CEMETARY LANE	MUNON	PA	15888	164,000,000	44	91,240,000
NORRIS INDUSTRIES INC	3215 BO BOYLE AVE	LOS ANGELES	CA	90008	477,791,128	45.08	282,355,184
NORTHWEST ENVIRONMENTAL INC.	500 AIRPORT WAY S.	SEATTLE	WA	98104	55,640,000	82.24	13,457,884
OIL PROCESS CO	3758 ALBA ST.	LOS ANGELES	CA	90008	1,894,333	60.88	889,144
OSCO INCORPORATED	408 SANTA FE PINE BOX 1208	DALLAMIA	TN	38402			
PEARL HER NAVY PUBLIC WORKS CTR	NAVAL STATION AREA	PEARL HARBOR	HI	30800			
PEOMADISPOSAL CO - POTTS TOWN	5349 SOUTH-FORT RD.	PEORIA	L	61604	80,000,000	49.75	25,825,000
PEWOLEM RECLAIMING SERVICE INC.	2003 TAYLOR WAY	TACOMA	WA	98421	15,780,000	11	14,017,200
PRATT & WHITNEY AERONAUT GROUP MD A CPO	600 MAIN ST	EAST HARTFORD	CT	06108	1,780,888,873	25.45	1,312,578,488
REMPCH ENVIRONMENTAL GROUP	1600 CARMAN ST.	CAMDEN	NJ	08105			
ROMC CHEM CORP	2091 BAY RD	E PALO ALTO	CA	94303	4,983,977	60	2,043,188
SLOSS INDUSTRIES CORPORATION	5500 35TH AVEN.	SPRINGHAM	NL	35287	548,000,000	33	387,180,000
SOLVENT SERVICE CO INC	1021 BERTRESSA RD	SAN JOSE	CA	95138			
SOUTHERN CALIFORNIA CHEMICAL CO INC	2881 DICE RD.	SANTA FE SPRINGS	CA	95670	21,560,000	59.77	8,288,105
TEKFORM INC.	1300 S WYKARL BURN DR.	SEAMERTON	OR	97077	487,788,113	19.27	353,874,831
TN EASTMAN DIV EASTMAN KODAK	EASTMAN RD	KINGSFORD	IN	47882	8,710,227	68	1,045,227
TREATMENT ONE, DIV. OF SET ENVIRONMENTAL INC	5728 CHESHWOOD	HOUSTON	TX	77087	2,000,000	2	1,880,000
TRICOL ENVIRONMENTAL SERVICES INC	1840 ANTIOCH PINE	NASHVILLE	TN	37019	69,712,000	8	61,837,880
UNION CARBIDE AGRIPROD CO INC	RTG. 25	INSTITUTE	WV	25112	2,102,000,000	57	609,889,000

\* Facility did not supply capacity information. Scaled-up total incorporates estimation.



Appendix C-2

WASTEWATER TREATMENT SYSTEMS DATA FROM THE 1991 BIENNIAL REPORTING SYSTEM

EPA ID NUMBER	A INF QUANTITY GAL FROM BRS DATA	B MAX OPP CAP GAL FROM BRS DATA	C MAX OPP CAP GAL FROM OW SURVEY	D LIQ EFF QUAN GAL FROM BRS DATA	E NEW OPP CAPACITY FROM BRS DATA	F DIFFERENCE IN OPP CAP C-B	G AMOUNT AVAILABLE B-A
CAD0050806850	1,106,843	13,250,000	1,894,333	1,082,109	0	-11,355,667	12,143,158
CAD059494310	2,281,976	27,000,000	0	2,280,000	0	-27,000,000	24,718,024
CAT080033681	4,762,512	1,207,824,000	0	4,078,584	0	-1,207,824,000	1,203,061,488
CTD000844399	360,768,560	2,283,660,000	1,760,668,673	414,810,000	0	-522,991,327	1,922,891,440
CTD001184894	574,131	1,370,500	2,375,000	571,370	0	1,004,500	796,369
CTD0072138969	11,185,574	28,632,648	38,535,860	9,307,911	0	9,903,212	17,447,074
CTD090672081	60,067,991	777,777,310	1,760,668,673	60,882,904	0	982,891,363	717,709,319
ILD000666206	16,231,493	30,398,036	106,202,000	8,381,001	0	75,803,964	14,166,543
ILD064418353	1,793,987	6,240,000	14,000,000	1,704,941	0	7,760,000	4,446,013
IND006050967	2,772,124,412	50,677,025	0	2,979,115,244	0	-50,677,025	-2,721,447,387
IND093219012	53,475,694	150,804,016	299,290,000	45,735,915	0	148,485,984	97,328,322
IND980555189	1,662,231	50,360,000	44,100,000	3,925,928	0	-6,260,000	48,697,769
IND981098478	4,597,350	8,417,487	15,130,000	2,783,240	0	6,712,513	3,820,137
IND121700777	1,901,489	7,008,000	75,000,000	1,711,340	0	67,992,000	5,106,511
IND043534635	6,678,629	53,191,794	243,992	6,669,144	0	-52,947,802	46,513,165
IND002141950	655,428	4,000,000	54,000,000	198,676	0	50,000,000	46,513,165
IND002385730	10,347,456,240	14,064,054,720	14,600,000,000	10,522,748,640	0	535,945,280	3,716,598,480
IND089216790	48,923,122	163,112,860	52,560,000	49,675,058	0	-110,552,860	114,189,738
IND980895338	641,903	5,057,200	750,400	428,907	0	-4,306,800	4,415,297
IND000691949	11,222,398	4,000,000	7,800,000	11,196,084	0	7,800,000	-11,222,398
IND080336241	25,079,632	240,920,000	0	24,503,779	240,000	-240,920,000	215,840,368
OH0000724153	29,714,577	75,000,000	63,000,000	37,446,700	0	-12,000,000	45,285,423
OH0004178612	16,642,080	98,160,000	86,300,000	13,286,400	94,500,000	-11,860,000	81,517,920
OH0087433744	0	0	23,400,000	0	1,200,000	23,400,000	0
OK0007233836	570,943,381	354,285,248	720,000,000	557,166,418	0	365,714,752	-216,658,133
ORD000920231	185,493,828	728,763,458	407,788,113	577,768,882	28,902,728	-320,975,345	543,269,630
ORD98072592	39,115,200	76,867,000	407,788,113	38,985,200	0	330,921,113	37,751,800
PAD010154045	17,186,856	27,000,000	30,000,000	12,783,720	66,000,000	3,000,000	9,813,144
PAD059087072	26,770,000	981,120,000	74,200,258	53,472,500	220,544,853	-906,919,742	954,350,000
PAD085690592	1,483,895	434,280	35,985,587	127,569,600	0	35,551,307	-1,049,615
RID980906986	1,416,960	3,961,224	6,000,000	1,733,520	0	2,038,776	2,544,264
TMD003376928	7,835,470,800	8,400,000,000	8,710,227	7,835,470,800	0	-8,391,289,773	564,529,200
WAD041337130	282,837,630	366,313,416	37,193,500	282,401,819	0	-329,119,916	83,475,786
WWD004325353	1,743,953,866	2,188,298,888	2,102,000,000	2,537,140,000	0	-86,298,888	444,345,022
WWD076826015	223,468,565	93,013,402	0	217,813,732	0	-93,013,402	-130,455,164
TOTAL	24,707,689,233	32,566,972,513	22,835,584,729	26,444,830,066	411,387,581	-9,731,387,784	7,859,283,279